

TERWILLIGER FIRE BAER ROAD COST SUMMARY

Line Items	Units	Unit Cost	# of Units	BAER \$
R4 - Terwilliger Fire Storm Inspection and Response	Days	\$1,800.00	4	\$7,200.00
P1 - Terwilliger Fire Road Hazard Signs (42"x60")	Sign/post	\$600.00	2	\$1,200.00
TOTAL				\$8,400.00

R4 - STORM INSPECTION AND RESPONSE COST ANALYSIS

Assumptions: Storm inspection and response will be broken into 2 parts inspection and response) Inspection will be conducted by district engineering staff (2-GS-11's) this work will be required 4 times during the first year and will take 2 - 8 hours days to complete each monitoring patrol. For safety reasons 2 people will be sent on each monitoring patrol. Vehicle mileage will be charged at a rate of \$0.75/mile. A total of 300 miles will be driven for each monitoring patrol. Inspection patrols will result in the need for action 1/2 the time. Response will require: Equipment rental (1 backhoe (\$730/day) and dump truck transport (\$1240/day) includes operator, fuel and maintenance) costs from 2011 FSH 5109.34 – INTERAGENCY INCIDENT BUSINESS MANAGEMENT HANDBOOK with 3% added for each year that has past since 2011 (6 years). Contract inspection work will contribute 4 hours to district engineering workload per action. Mobilization is estimated for 200 miles at \$2.50 per mile. All work to be performed shall conform to FP03-Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects and Forest Service Supplements.

Inspection:

Category	Rate	Unit	# of Units	Cost per patrol	# of patrols	Cost
Wages	\$32.70	worker hour	32	\$1,046.40	4	\$4,185.60
Mileage	\$0.75	miles	300	\$225.00	4	\$900.00
Subtotal Monitoring Cost						\$5,085.60

Response:

Mobilization	\$500.00	ea	1	\$500.00	2	\$1,000.00
Equipment Rental	\$1,970.00	per day	2	\$3,940.00	2	\$7,880.00
Inspection	\$32.70	worker hour	4	\$130.80	2	\$261.60
Subtotal Action Cost						\$9,141.60

Total Patrol Cost \$14,227.20

Number of Monitoring patrols days	8
Unit cost for storm patrol days	\$1,778.40
Rounded Unit cost	\$1,800.00

P1- ROAD HAZARD SIGNS

Assumptions: Hazard Sign installation will be completed by district engineering staff (2-GS-9's) this work will take one - 8 hours day to complete. For safety reasons 2 people will be sent to perform installation. Vehicle mileage will be charged at a rate of \$0.75/mile. A total of 40 miles will be driven. 4 hours are allocated for a PIO (GS 9) to post information regarding signage and hazards to the public.

Category	Rate	Unit	# of Units	Cost per patrol
Wages	\$27.32	worker hour	20	\$546.40
Mileage	\$0.75	miles	40	\$30.00
Burned Area 30"x48" Hazard Sign, posts, and hardware	\$300.00	each	2	\$600.00
Total Signage Cost				\$1,176.40
Number of signs				2
Unit cost for each sign				\$588.20
Rounded Unit cost				\$600.00